

Notice of Allowability

Application No.

09/435,657

Examiner

Prenell P. Jones

Applicant(s)

TOMICH ET AL.

Art Unit

2668

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/11/2005.
2. ☒ The allowed claim(s) is/are 16-27,44-53 and 61.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>3/2/06</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Applicant's Representative (Mr. Raffi Gostanian) on March 2, 2006.

The application has been amended as follows:

Claim 16,	in line 1;	delete "adapted"
"	in line 5;	delete "adapted"
"	in line 12;	delete "adapted"
"	in line 15;	delete "adapted"
Claim 18,	in line 2;	delete "adapted"
"		
Claim 19,	in line 3;	delete "adapted"
"	in line 5;	delete "adapted"
Claim 24,	in line 4;	delete "adapted"
"	in line 6;	delete "adapted"
"	in line 9;	delete "adapted"
"	in line 11;	delete "adapted"

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Claim 25, in line 3; delete "adapted"

" in line 4; delete "adapted"

Claim 28, (Canceled)

Claim 27, in line 3; delete "adapted"

" in line 4; delete "adapted"

" in line 6; delete "adapted"

" in line 11; delete "adapted"

Claim 44, in line 1; delete "adapted"

" in line 7; delete "adapted"

" in line 9; delete "adapted"

Claim 45, in line 3; delete "adapted"

" in line 5; delete "adapted"

Claim 46, in line 2; delete "adapted"

Claim 48, in line 2; delete "adapted"

Claim 49, in line 2; delete "adapted"

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Claim 52, in line 2; delete "adapted"

Claim 54, (Canceled)

Claim 53, in line 2; delete "adapted"

Claim 61, in line 1; delete "adapted"

Reason for Allowance

1. Claims 16-23, 25-27, 44-53 and 61 are allowed over prior art.
2. The following is an examiner's statement of reasons for allowance: Applicant has canceled previously rejected claims 55-60.

Although the prior art discloses a multimedia super-ring architecture of a plurality of set-top boxes/terminals, wherein peripheral devices are coupled to the ring architecture coupled with a multi-access channel, interface device for plurality of video peripherals, multiple users access to a PC-based server in a home local area network using conventional TVs as display and set-top box as an interface between the TV and the network, plurality of set-top boxes, wherein the architecture includes a micro-controller, which controls a set-top box and the micro-controller includes memory, an introduction of micro-controllers for providing communication between peripheral devices and system control processor, freeing the system control processor to perform other task as to improve the system performance, system accommodates multimedia communications they fail to teach/suggest with respect to claim 16 and 61, a photonic network that includes a program executed by the set-top box micro-controller, adapted to route the data bandwidth segments according to a software subscription table stored in memory, and with respect to claim 44, heal-end circuit adapted to format bandwidth segments into a signal transmittable via a wide-signal bandwidth, wherein a channel selection register adapted to designate a core television channel selection.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the

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issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

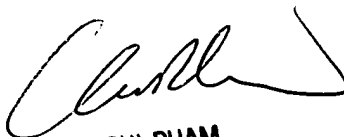
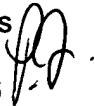
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prenell P. Jones whose telephone number is 571-272-3180. The examiner can normally be reached on 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi Pham can be reached on 571-272-3179. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Prenell P. Jones

March 10, 2006



CHI PHAM
SUPERVISORY PATENT EXAMINER
ELECTRONIC BUSINESS CENTER
3/14/06